

<div style="writing-mode: vertical-rl; transform: rotate(180deg);">06/25/03</div>	<div style="writing-mode: vertical-rl; transform: rotate(180deg);">16310 U.S. PTO</div>	UTILITY PATENT APPLICATION TRANSMITTAL (Larg Entity) <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Docket No. 13768.402
			Total Pages in this Submission 4
TO THE COMMISSIONER FOR PATENTS Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450			
<p>Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:</p> <div style="border: 1px solid black; padding: 5px; min-height: 40px;">REGISTERING FOR AND RETRIEVING DATABASE TABLE CHANGE INFORMATION THAT CAN BE USED TO INVALIDATE CACHE ENTRIES</div>			
<p>and invented by:</p> <div style="border: 1px solid black; padding: 5px; min-height: 40px;">Michael Joseph Pizzo Robert Michael Howard Patrick Yu-Kwan Ng Scott D. Guthrie Adam Wade Smith</div>			
<p>If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____</p> <p>Which is a:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____</p> <p>Which is a:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____</p>			
<p>Enclosed are:</p> <p style="text-align: center;">Application Elements</p> <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> Filing fee as calculated and transmitted as described below2. <input checked="" type="checkbox"/> Specification having <u>65</u> pages and including the following:<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> Descriptive Title of the Inventionb. <input type="checkbox"/> Cross References to Related Applications <i>(if applicable)</i>c. <input type="checkbox"/> Statement Regarding Federally-sponsored Research/Development <i>(if applicable)</i>d. <input type="checkbox"/> Reference to Sequence Listing, a Table, or a Computer Program Listing Appendixe. <input checked="" type="checkbox"/> Background of the Inventionf. <input checked="" type="checkbox"/> Brief Summary of the Inventiong. <input checked="" type="checkbox"/> Brief Description of the Drawings <i>(if filed)</i>h. <input checked="" type="checkbox"/> Detailed Descriptioni. <input checked="" type="checkbox"/> Claim(s) as Classified Belowj. <input checked="" type="checkbox"/> Abstract of the Disclosure			

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
13768.402

Total Pages in this Submission
4

Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 4
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☒ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EV 291368946 US

UTILITY PATENT APPLICATION TRANSMITTAL
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Docket No.
13768.402

Total Pages in this Submission
4

Accompanying Application Parts (Continued)

17. ☒ Additional Enclosures *(please identify below):*

Correspondence Letter
PTO-2038 Credit Card Form for \$1,732.00

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Docket No.
13768.402

Total Pages in this Submission
4

Fee Calculation and Transmittal

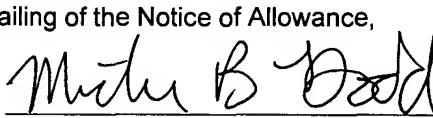
CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	49	- 20 =	29	x \$18.00	\$522.00
Indep. Claims	8	- 3 =	5	x \$84.00	\$420.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$750.00
OTHER FEE (specify purpose) <u>Assignment Recordation</u>					\$40.00
TOTAL FILING FEE					\$1,732.00

☐ PTO-2038 Credit Card Form for \$1,732.00
☐ A check in the amount of _____ to cover the filing fee is enclosed.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178
as described below.

- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☒ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


Signature

MICHAEL B. DODD
Attorney for Applicant
Reg. No.: 46,437

Dated: June 25, 2003



022913

cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Michael Joseph Pizzo, et al.

Docket No.

13768.402

Serial No.

Not Yet Assigned

Filing Date

June 25, 2003

Examiner

Not Yet Assigned

Group Art Unit

Not Yet Assigned

Invention: **REGISTERING FOR AND RETRIEVING DATABASE TABLE CHANGE INFORMATION THAT CAN BE USED TO INVALIDATE CACHE ENTRIES**

I hereby certify that the following correspondence:

(see below)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

June 25, 2003

(Date)

**022913**DEE SO

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 291368946 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

Patent Application (65 pgs.); 4 sheets of Formal drawings; PTO-1595 Recordation Cover Sheet and Assignment in favor of Microsoft Corporation (8 pgs.); Declaration and Power of Attorney (6 pgs.); Transmittal letter (4 pgs. in Duplicate); Certificate of Express Mailing (EV291368946US); PTO 2038 Charge Form for \$1,732.00; Acknowledgement Post Card;

PLEASE MAIL ALL CORRESPONDENCE TO:

Rick D. Nydegger
WORKMAN, NYDEGGER & SEELEY



022913

PATENT TRADEMARK OFFICE